HTX-22HDX Ultra-Compact HD Home Cinema System

BLACK

The Ideal Compact Partner for Your Flat-Screen Display

Movies and games look great on today's widescreen TVs. But let's face it, the audio from your typical flat-panel display leaves a lot to be desired. That's where the HTX-22HDX steps in. In its basic 2.1-channel configuration, the HTX-22HDX gives you a combo subwoofer and A/V amplifier plus two front speakers for stunning mid- and high-range audio. Connections? Check. Three HDMI® 1.4 inputs let you hook up a Blu-ray player, console, and cable/sat tuner. HDMI 1.4 is not only compatible with upcoming 3D video, it also lets you run an Audio Return Channel from your display's tuner back to the amplifier. Audio processing? Check. The HTX-22HDX handles HD formats from DTS and Dolby; employs quality Burr-Brown DACs for all channels; and includes Onkyo's very own Theater-Dimensional. The latter creates an immersive and convincing surround effect through just 2.1 channels. Meantime, a new on-screen display makes it easier to adjust settings on the fly, so you can get back to the action sooner.

HDMI® 1.4 Support for 3D Video and Audio Return Channel

The three HDMI 1.4 inputs on the HTX-22HDX let you simultaneously connect high-def sources such as a Blu-ray player, a gaming console, and a cable/satellite tuner. A single output then sends a pristine signal to your connected high-resolution display. As the latest version of this connector, HDMI 1.4 adds the exciting possibilities of 3D video and an Audio Return Channel. 3D video is the next big thing in home entertainment, with movie, game, and broadcast content on the increase and 3D-compatible TVs on the near horizon. HDMI 1.4 also offers the convenience of an Audio Return Channel. Audio content received directly by your HDTV's tuner can be sent "upstream" to the A/V amplifier, without the need for a separate S/PDIF audio cable.

Decoding of High-Definition Surround-Sound Codecs

The HTX-22HDX can decode Dolby® TrueHD and DTS-HD Master Audio™—two lossless formats that enable delivery of a bit-for-bit soundtrack identical to the studio master track. These codecs, previously available only on mid-range and high-end receivers, take advantage of the high data capacity of the Blu-ray format.

Convenient Overlaid On-Screen Display via HDMI

Changing your A/V amplifier's settings is now more seamless than ever, thanks to the HTX-22HDX's new overlaid On-Screen Display (OSD) feature. On-screen set-up menus appear overlaid on the video image you're watching. This means you can adjust the settings immediately, without having to switch back and forth from a blank screen background.

VLSC (Vector Linear Shaping Circuitry) for Noise-Free Audio Signals

The HTX-22HDX employs Onkyo's proprietary VLSC on both front channels to mitigate the effect of signal noise. Used in digital-to-analog conversion, this circuit converts bit data between two discrete sampling points, which are then joined with analog vectors to produce a smooth output wave form. The result—a noiseless, smooth analog signal based on the digital source.

Immersive Surround Sound from Just Two Speakers

Onkyo's Theater-Dimensional circuitry streamlines the conventional surround-speaker set-up by allowing you to experience the excitement of surround sound from as few as two standard speakers. What's more, it also offers multi-speaker modes that you can use if you augment the HTX-22HDX with Onkyo's optional SKS-22X center and surround speaker package. To save space, you can place up to five speakers beside the TV and still enjoy impressively realistic virtual surround sound.

HTX-22HDX Ultra-Compact HD Home Cinema System

HTX-22HDXPAW 5.1-Channel Amplifier with Built-in Subwoofer

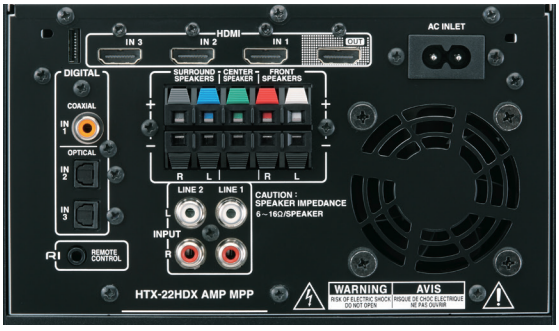
- 25 W/Ch (FL/FR/C/SL/SR) at 6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC; 50 W (Subwoofer) at 3 Ω, 100 Hz, 1%, 1 Channel Driven, IEC
- HDMI® (Version 1.4 to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- Audio and 1080p Video Processing via HDMI (3 Inputs and 1 Output)
- Dolby® TrueHD, DTS-HD Master Audio™, Dolby® Digital Plus, DTS-HD High-Resolution Audio™ Decoding
- VLSC (Vector Linear Shaping Circuitry)
- Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for All Channels
- Jitter-Cleaning Circuit Technology
- Overlaid On-Screen Display (OSD) via HDMI
- EX.Bass for Deeper, More Dynamic Bass
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG (Role Playing Game)

(Note: Available only in 5.1-channel speaker configuration)

- Theater-Dimensional Virtual Surround Function
- Music Optimizer™ for Compressed Digital Music Files
- Optimum Gain Volume Circuitry
- CinemaFILTER™
- Advanced 32-Bit Processing DSP Chip
- 3 Digital Inputs (2 Optical and 1 Coaxial)
- 2 Audio Inputs
- Auto Power On/Off Function
- RIHD (Remote Interactive over HDMI) for System Control
- Compatible with RI (Remote Interactive) Dock for iPod
- Remote Control
- 16 cm Cone

HTX-22HDXST Full-Range Bass Reflex Speakers

- 8 cm Cone
- Max. Input Power: 40 W
- Impedance: 6 Ω
- Frequency Response: 70 Hz–20 kHz
- Magnetically Shielded
- Gloss Finished



SPECIFICATIONS

5.1-Channel Amplifier with Built-in Subwoofer

Power Output	
FL/FR/C/SL/SR	25 W/Ch (6 Ω, 1 kHz, 1%, 1 channel driven, IEC)
Subwoofer	50 W (3 Ω, 100 Hz, 1%, 1 channel driven, IEC)
Frequency Response	
Subwoofer	35 Hz–200 Hz
Signal-to-Noise Ratio	105 dB (Line, Direct mode, IHF-A)
Speaker Impedance	6 Ω–16 Ω
Speaker Driver	16 cm cone
Power Supply	AC 230 V~, 50 Hz
Power Consumption	140 W
Dimensions (W x H x D)	217 x 337 x 310 mm
Weight	9.5 kg

Front Speakers

Speaker Type	Full-range, Bass reflex
Drivers	8 cm cone
Impedance	6 Ω
Output Sound Pressure Level	80 dB/W/m
Frequency Response	70 Hz–20 kHz
Dimensions (W x H x D)	101 x 161 x 111 mm
Weight	0.8 kg

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Dimensions (W x H x D)	408 x 617 x 303 mm
Weight	13.0 kg

■ Supplied Accessories

• Speaker cables • Optical digital audio cable • Power cord
• Speaker spacers • Instruction manual • Remote controller
• AA (R6) batteries x 2

OPTIONAL

SKS-22X Full-Range Bass Reflex Center/Surround Speaker Package

Center Speaker

- 8 cm Cone
- Max. Input Power: 40 W
- Impedance: 6 Ω
- Frequency Response: 80 Hz–20 kHz
- Magnetically Shielded
- Gloss Finished

Surround Speakers

- 8 cm Cone
- Max. Input Power: 40 W
- Impedance: 6 Ω
- Frequency Response: 80 Hz–20 kHz
- Magnetically Shielded
- Gloss Finished

SPECIFICATIONS

Speaker Type	
Center	Full-range, Bass reflex
Surround	Full-range, Bass reflex
Drivers	
Center	8 cm cone
Surround	8 cm cone
Impedance	
Center	6 Ω
Surround	6 Ω
Output Sound Pressure Level	
Center	82 dB/W/m
Surround	82 dB/W/m
Frequency Response	
Center	80 Hz–20 kHz
Surround	80 Hz–20 kHz
Dimensions (W x H x D)	
Center	230 x 102 x 113 mm
Surround	101 x 161 x 111 mm
Weight	
Center	0.9 kg
Surround	0.8 kg

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Dimensions (W x H x D)	484 x 163 x 209 mm
Weight	3.5 kg

■ Supplied Accessories

• Speaker cables • Speaker spacers • Instruction manual

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IMAGINATIVE SIGHT & SOUND

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